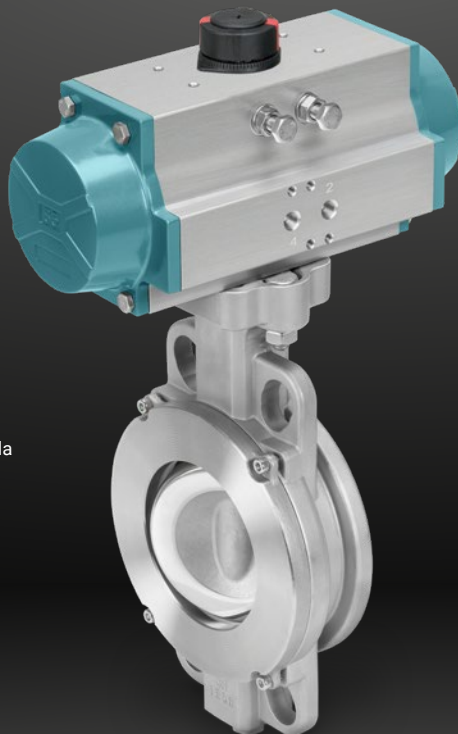




GEMÜ R477 Tugela



GEMÜ R471 Tugela



GEMÜ R478 Tugela

Double-eccentric butterfly valve GEMÜ R470 Tugela series

Areas of application

- Chemical processes
- Foodstuffs and beverages
- Industrial water treatment
- Mechanical engineering and processing industries
- Pharmaceutical, biotechnology and cosmetics industries
- Cooling and heating circuits

Features

- Excellent sealing at high pressures and high temperatures
- High quality and long service life
- Low maintenance requirements when installed
- Reduced torque thanks to the double-eccentric structure
- Anti-static fixtures for the ATEX sector

Description

The double-eccentric butterfly valves from the metal GEMÜ R470 Tugela series are available in nominal sizes DN 50 to 600 in a wafer body version with TFM sealing. There are various actuator variants available:

- Bare shaft: GEMÜ R470 Tugela
- Pneumatic: GEMÜ R471 Tugela
- Manual: GEMÜ R477 Tugela
- Motorized: GEMÜ R478 Tugela

Technical specifications

- **Media temperature :**
-40 to 230 °C
- **Ambient temperature:**
-40 to 70 °C
- **Operating pressure :**
0 to 40 bar
- **Nominal sizes:**
DN 50 to 600
- **Connection standards:**
ASME I ISO
- **Body materials:**
1.0619 (WCB), cast steel material
with CDP coating I
1.4408 (CF8M), investment casting material
- **Disc materials:**
1.4408
- **Shaft material:**
1.4542 / ASTM 564 630 UNS S17400
- **Liner materials:**
PTFE
- **Conformities:**
ATEX I EAC I FDA I FMEDA I
TA Luft (German Clean Air Act)

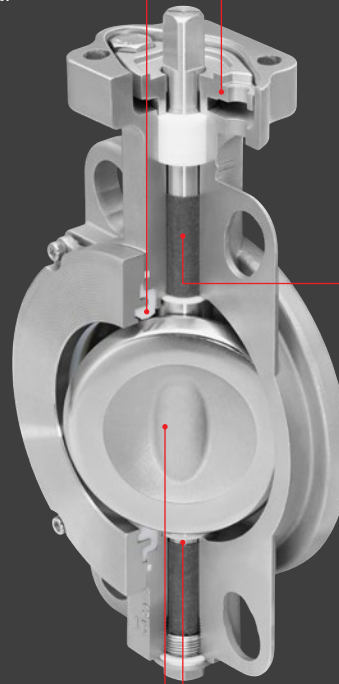
Technical information depending on the respective configuration -
see datasheet or Product Selection Tool.

resistant

TFM sealing ring
with excellent pro-
perties for chemical
applications

reliable

Clamping system
with a coaxial
control ring for
sealing



wear-optimized

Spindle protected
by temperature-
resistant, copper-
alloyed bush

high-quality

Spherical surfaces for
improved mechanical
behaviour under temperature
and pressure fluctuations

durable

Minimized friction
of the disc thanks
to double-eccentric
structure